

**PERMIT APPLICATION: NRS 07.350**

**APPLICANT:** Chris Brothers  
Premier Land Development  
2831 Hickory Hill Church Road  
Shelbyville, TN 37160  
(931) 294-2425

**LOCATION:** South of Franklin , west of Bethesda and east of Thompson Station and east side of Lewisburg Pike; Williamson County.

**WATERSHED DESCRIPTION:** Unnamed tributary to Mudd Creek, Duck River Watershed (HUC 06040003). Subject and surrounding property is primarily open pasture and small scattered woodlots. Two streams and 0.26 acres of wetland are found on the property.

**PROJECT DESCRIPTION:** The applicant proposes to construct the initial phase of 94 acres of a proposed 257 acre residential development. The development will include 48 One acre plus lots, construction of 6,721 feet of new roadway and associated utilities. The proposed project will require two stream crossings (utility crossings in the road right-of-way) and permanent fill of 0.26 acres of jurisdictional wetland.

Compensatory wetland mitigation will occur onsite with a combination of restoration, creation and enhancement. Restoration will occur in the existing wetland with the removal of a berm totaling 0.07 acres. Removal will result in hydrological enhancement on the 0.89 acres of remaining existing wetlands by allowing for a more even distribution of hydrology. Habitat enhancement will occur with the planting of 400 native wetland tree seedlings per acre. Two areas that total 0.28 acres located adjacent to the southwest and southeast corners of the wetland will be excavated down to an elevation to an elevation approximately 12-inches lower than the existing wetland and then backfilled to match this elevation with 12-inches of hydric soil and material from the impacted wetlands. Native wetland tree seedlings will be planted at the rate of 400 per acre.

The permittee will monitor the wetland mitigation site and submit annual monitoring reports with a 75% survival rate for five years.

The division's Land Use Restrictions shall be placed on the wetland mitigation.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality

**USGS TOPOGRAPHIC QUADRANGLE:** Bethesda 63 SE  
36.46729 N; 86.50486 W

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**PREMIER LAND DEVELOPMENT**  
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**PERMIT COORDINATOR:** Mike Lee

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

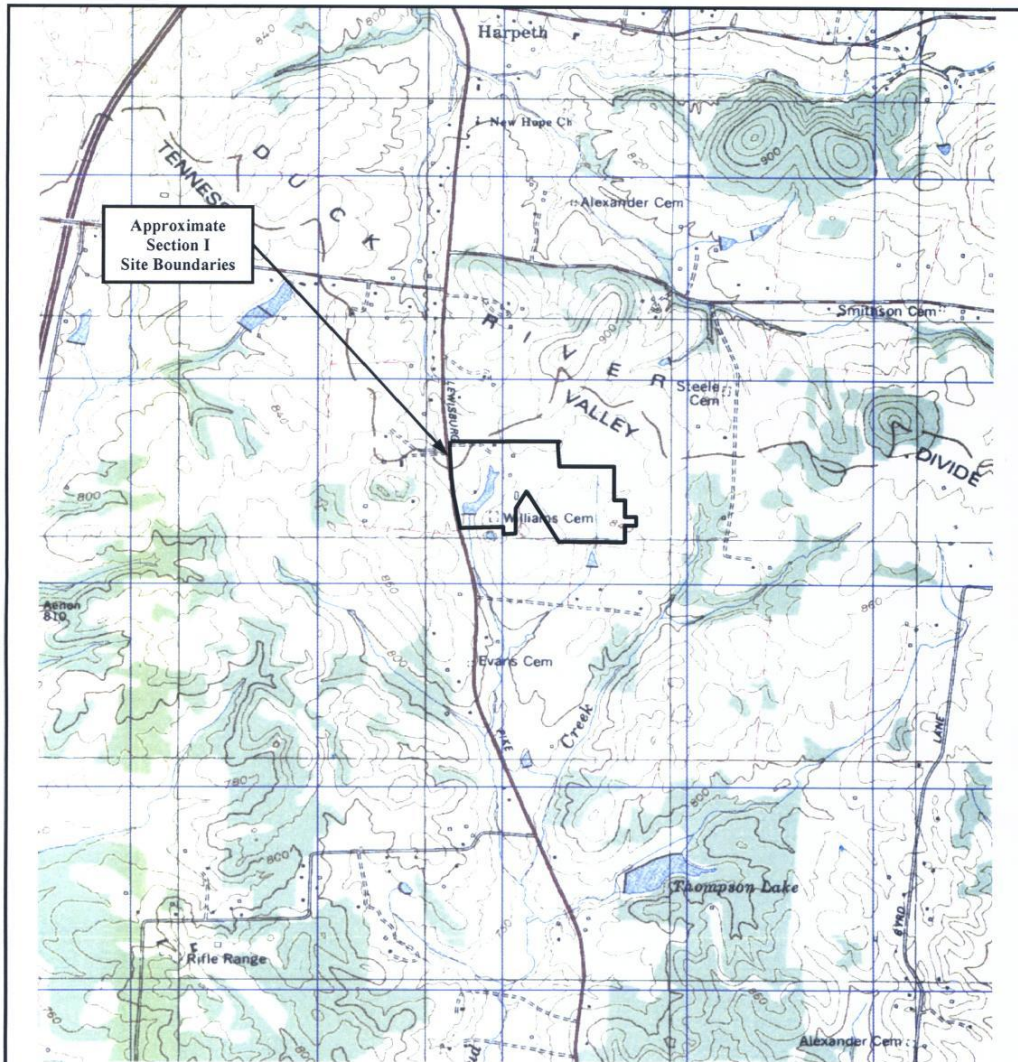
The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

More details on the proposal can be viewed on the internet at  
<http://www.state.tn.us/environment/wpc/ppo/arap>.

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**GENERAL LOCATION MAP**



SCALE - 1:24,000 (1 inch = 2000 feet)

SOURCE: DeLorme 3-D TopoQuads, 1999, U.S. Geological Survey 7.5-Minute Topographic Map Bethesda (63 SE), Tennessee Quadrangle



2525 Perimeter Place Dr., Suite 136  
Nashville, Tennessee 37214  
Office: (615) 832-0513  
Fax: (615) 832-0983

**Cascade Estates  
Section I**

Williamson County, Tennessee  
Prepared For:  
Premier Land Development, LLC  
Shelbyville, Tennessee

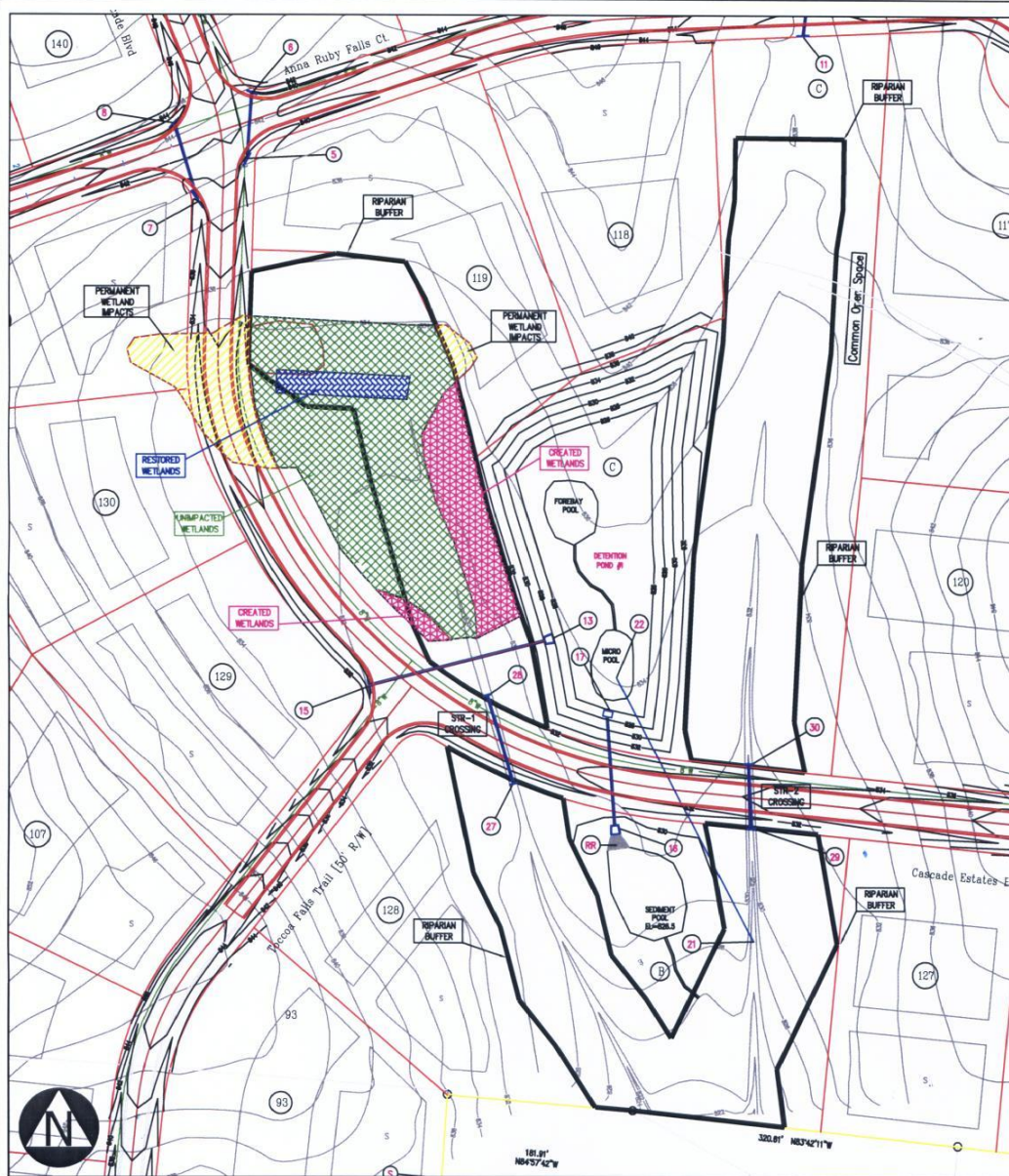
Drawn By/Date: *GR 10/9/07* Checked By/Date: *SM 10/9/07*

Project No.  
3079-07-0056.01

Figure  
1



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2525 PERIMETER PLACE DRIVE  
SUITE 136  
NASHVILLE, TENNESSEE 37214  
OFFICE: (615) 832-0513  
FACSIMILE: (615) 832-0983

Detailed Plans  
Cascade Estates - Section I

CLIENT NAME: Premier Land Development, LLC  
CLIENT ADDRESS: 2831 Hickory Hill Church Road, Shelbyville, Tennessee 37160

SOURCE:  
Stanford & Associates, Inc. and  
MACTEC Engineering and Consulting, Inc.  
DRAWN BY: JCE 10/9/07  
CHECKED BY: SBE 10/9/07  
PROJECT NUMBER: 3079-07-0056.01  
DATE: 10-09-2007  
FIGURE NO: 2  
SCALE: NOT TO SCALE

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*Cascade Estates Section I*  
*Premier Land Development, LLC*  
*2831 Old Hickory Hill Rd., Shelbyville, TN 37160*

*MACTEC Engineering and Consulting, Inc.*  
*2525 Perimeter Place Dr., Suite 136, Nashville, TN 37214*  
*Fax: (615) 832-0983*  
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**Photograph 1: STR-1 facing upstream**



**Photograph 2: STR-1 facing downstream**



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**Photograph 3:** STR-2 facing upstream



**Photograph 4:** STR-2 facing downstream

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**Photograph 5:** Wetland area in the background, facing south



**Photograph 6:** Pond portion of wetland area; facing west from east side of wetland



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**Photograph 7:** Pond portion of wetland area; facing north from east side of wetland



**Photograph 8:** Upland berm within wetland area; facing south



